

## ABSTRACT

By using an antisense nucleotide, a ribozyme, a maxizyme, or an RNAi constructed based on the nucleotide sequence of exon 1  $\beta$  of the PDGF receptor  $\alpha$  gene, which is expressed in specific cancer cells, or a polypeptide containing a portion thereof, translation of an mRNA transcribed from exon 1  $\beta$  of the PDGF receptor  $\alpha$  gene is suppressed. An agent for suppressing expression containing as an active ingredient a substance for inhibiting expression, such as an antisense nucleotide, a ribozyme, a maxizyme, or an RNAi, is effective as a therapeutic agent for cancer.